

| Ref # | Hits | Search Query  | DBs  | Default Operator | Plurals | Time Stamp       |
|-------|------|---|--|------------------|---------|------------------|
| L1    | 377  | catalyst and "self cleaning" and combust\$5   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2005/12/12 03:21 |
| L2    | 2    | glass and catalyst and "self cleaning" and "observation window"                     | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2005/12/12 03:07 |
| L3    | 251  | L1 and (quartz zirconia zirconium silica silicon alumina aluminum titanium titania) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2005/12/12 03:07 |
| L4    | 89   | L3 and contaminant  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2005/12/12 03:08 |
| L5    | 65   | L4 and (window view observation)  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2005/12/12 03:08 |
| L6    | 44   | catalyst and "self cleaning" and combust\$5 and zeolite                             | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2005/12/12 03:24 |
| L7    | 6    | L6 and window   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2005/12/12 03:31 |
| L8    | 45   | zeolite and window and "self-cleaning" and glass                                    | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2005/12/12 03:31 |

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| L9  | 39     | L8 not L7   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/12 04:31 |
| L10 | 10592  | "428/432,433,434,697,698,699,<br>701,702:ccls.      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/12 04:37 |
| L11 | 122388 | "252"/\$.ccls.                                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/12 04:37 |
| L12 | 712    | L10 and L11   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/12 04:37 |
| L13 | 1      | L12 and "self cleaning" and (layer<br>film coating) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/12 04:47 |
| L14 | 711    | L12 not L13   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/12 04:47 |
| L15 | 53     | L14 and window                                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/12 04:47 |
| L16 | 53     | L15 not L9  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/12 04:47 |

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| L17 | 0 | L16 and "self cleaning"            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/12 04:48 |
| L18 | 0 | L17 and cataly\$5                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/12 04:48 |
| L19 | 0 | L17 and (catalyst catalytic)       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/12 04:48 |
| L20 | 0 | L17 and observation and combustion | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/12 04:49 |
| L21 | 0 | L17 and observation                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/12 04:49 |
| S1  | 0 | kass-michael-d.in:                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/12 03:03 |
| S2  | 0 | partridge-jr-william-p.in.         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/11/14 15:28 |
| S3  | 7 | kass-michael-\$in:                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/11/14 15:31 |

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| S4  | 0   | partridge-william-p-jr.in.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/11/14 15:29 |
| S5  | 334 | "united states department of energy".as.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/11/14 15:32 |
| S6  | 0   | "us department of energy".as.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/11/14 15:33 |
| S7  | 0   | S5 and self and clean\$4 and photocataly\$6   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/11/14 16:17 |
| S8  | 1   | S5 and clean\$4 and photocataly\$6  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/11/14 16:17 |
| S9  | 280 | glass and self and clean\$4 and photocataly\$6 and window                           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/11/14 16:17 |
| S10 | 261 | S9 and (quartz zirconia zirconium silica silicon alumina aluminum titanium titania) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/12 03:07 |
| S11 | 260 | S10 and (layer film coating)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/11/14 16:18 |

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| S12 | 0   | S10 and combust%5  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/11/14 16:19 |
| S13 | 51  | S10 and combust\$5   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/12 03:04 |
| S14 | 42  | S11 and zeolite  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/11/14 17:23 |
| S15 | 238 | S9 not S14   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/11/14 17:23 |
| S16 | 11  | S15 and soot and view\$4   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/11/15 10:47 |
| S17 | 282 | glass and self and clean\$4 and photocataly\$6 and window                            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/11/15 11:14 |
| S18 | 263 | S17 and (quartz zirconia zirconium silica silicon alumina aluminum titanium titania) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/11/15 10:47 |
| S19 | 262 | S18 and (layer film coating)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/11/15 10:47 |

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| S20 | 42  | S19 and zeolite                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/11/15 10:47 |
| S21 | 240 | S17 not S20                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/11/15 10:47 |
| S22 | 11  | S21 and soot and view\$4          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/11/15 10:47 |
| S23 | 229 | S21 not S22                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/11/15 10:48 |
| S24 | 38  | S23 and "electrically conductive" | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/11/15 11:09 |
| S25 | 191 | S23 not S24                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/11/15 11:09 |
| S26 | 0   | S25 and "view window"             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/11/15 11:09 |
| S27 | 4   | S17 and "view window"             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/11/15 11:09 |

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| S28 | 0    | glass and clean\$4 and photocataly\$6 and "peep window"        | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2005/11/15 11:14 |
| S29 | 2    | glass and clean\$4 and photocataly\$6 and "observation window" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2005/12/12 03:04 |
| S30 | 4    | glass and photocataly\$6 and "observation window"              | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2005/11/15 11:21 |
| S31 | 4    | S30 not S28  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2005/11/15 11:20 |
| S32 | 2    | glass and photocataly\$6 and "oven window"                     | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2005/11/15 11:23 |
| S33 | 2    | ("6238630").PN.  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/11/15 11:28 |
| S34 | 2    | ("6324329").PN.  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/11/15 11:37 |
| S35 | 8384 | 428/426,432,701,702.ccls.                                      | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2005/11/15 11:38 |

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| S36 | 8328 | S35 not S17   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/11/15 11:38 |
| S37 | 115  | S36 and photocataly\$6                                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/11/15 11:39 |
| S38 | 59   | S37 and window  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/11/15 17:02 |
| S39 | 282  | glass and self and clean\$4 and photocataly\$6 and window | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/11/15 17:02 |
| S40 | 8384 | 428/426,432,701,702.ccls.                                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/11/15 17:02 |
| S41 | 8328 | S40 not S39   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/11/15 17:02 |
| S42 | 115  | S41 and photocataly\$6                                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/11/15 17:02 |
| S43 | 59   | S42 and window  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/11/15 17:02 |

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| S44 | 13229 | "S53" not S43 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/11/15 17:02 |
| S45 | 56    | S42 not S43   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/11/15 17:03 |